## Index of Claims

| App | licat | ion/( | Cont | rol No. |
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Victor Lesniewski

Applicant(s)/Patent under Reexamination

09/435,540

DONOVAN, STEVEN R. Art Unit

Examiner

2152

Rejected Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
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| 0 | Objected |

| Cla         | aim         | Date            |          |           |                    |           | ]        | Claim Date |          |     |                        |          |                 |                 | ]        | Cli      | aim      | Date     |         |          |   |                 |            |                |          |          |                |          |  |          |          |                              |
|-------------|-------------|-----------------|----------|-----------|--------------------|-----------|----------|------------|----------|-----|------------------------|----------|-----------------|-----------------|----------|----------|----------|----------|---------|----------|---|-----------------|------------|----------------|----------|----------|----------------|----------|--|----------|----------|------------------------------|
|             | <del></del> | N               |          |           |                    |           |          |            |          |     |                        | <u> </u> |                 |                 |          |          |          |          |         |          | 1 |                 |            |                |          |          |                |          |  |          |          |                              |
| Final       | Original    | 8/1/8           | 1        |           |                    | -         |          | - 1        |          |     | Final                  | Original |                 |                 | l        |          |          |          |         |          |   | Final           | Original   |                |          |          |                |          |  | ĺĺ       |          |                              |
| iΞ          | ٦           | ×               | .        |           |                    |           |          |            |          |     | ιĒ                     | Ç        |                 |                 |          | - 1      |          |          |         |          |   | 這               | ij         |                |          |          |                |          |  |          |          |                              |
|             |             | 37)             | $\perp$  |           |                    | $\perp$   |          |            |          |     |                        |          |                 |                 |          |          |          |          |         |          | _ |                 |            |                |          |          |                |          |  |          |          |                              |
|             | 1           | =               | $\perp$  | _         |                    | _         |          |            |          |     |                        | 51       | L               | Ш               |          |          |          | _        |         |          | ] |                 | 101        |                |          |          |                |          |  |          |          |                              |
|             | 2           | =               |          |           | _                  | _         |          |            |          |     |                        | 52       |                 | ·               |          | _        |          |          | $\perp$ |          |   | <u> </u>        | 102        |                |          |          |                |          |  |          |          |                              |
|             | 3           | =               |          | _ _       | _                  | _         |          | _          |          |     |                        | 53       | 乚               | Ш               |          |          |          |          | $\perp$ | $\bot$   |   |                 | 103        |                |          |          |                |          |  |          |          |                              |
|             | 4           | =               |          | _         | _                  | 4         |          | _          |          | ļ   |                        | 54       |                 |                 |          |          |          |          | $\perp$ |          |   |                 | 104        |                |          |          |                |          |  |          |          |                              |
|             | 5           | =               |          | _         | 4                  | 4         | _        | _          |          |     |                        | 55       |                 |                 |          |          |          |          |         |          |   |                 | 105        |                |          |          |                |          |  |          |          |                              |
|             | 6           | =               | -        | $\perp$   | $\perp$            | $\perp$   | 4        | _          | _ _      |     |                        | 56       |                 |                 |          |          | 4        | 4.       |         | _ _      | 1 |                 | 106        |                |          |          |                | _        |  | _[       |          | ш                            |
|             | 7           | =               | -        | +         |                    | -         | -        | _          |          | -   | <u> </u>               | 57       |                 | ļ               |          |          | _        | _        | 4       | _        | 4 |                 | 107        | _              |          |          | _              |          |  | _        |          | $ldsymbol{\sqcup}$           |
|             | 8           | =               |          |           | -                  | -         | $\dashv$ | $\dashv$   |          | -   |                        | 58       |                 |                 | _        | $\dashv$ | $\dashv$ | 4        | 4       |          | 4 |                 | 108        | _              |          |          |                | _        |  |          |          | $ldsymbol{ldsymbol{\sqcup}}$ |
|             | 9           | =               |          |           | -                  | +         | $\dashv$ | $\dashv$   |          | -   |                        | 59       | -               | -               | $\dashv$ | -        | $\dashv$ | 4        |         | -        | - |                 | 109        | _              |          |          |                |          |  |          |          |                              |
| <del></del> | 10<br>11    | =               |          | +         | +                  | +         | -+       | +          | -        | 1   |                        | 60<br>61 | $\vdash$        |                 |          | $\dashv$ | $\dashv$ | $\dashv$ | +       |          | 1 |                 | 110        | <u> </u>       |          |          | $\dashv$       |          |  | $\Box$   |          | $\vdash$                     |
|             | 12          | =               | -        | - -       | +                  | +         | $\dashv$ | +          |          | ┨   | $\vdash$               | 62       | $\vdash$        |                 |          | +        | $\dashv$ | +        | -       | -        | 1 | <u> </u>        | 111        |                | H        |          |                |          | Н  | $\vdash$ |          |                              |
|             | 13          | =               |          | +         | +                  | +         | $\dashv$ |            |          | 1   | $\vdash \vdash$        | 63       | -               | $\vdash$        | -        | $\dashv$ | -+       |          | +       | +        | 1 | <del> </del>    | 112<br>113 | $\vdash$       | Н        | -        |                |          | H  | $\vdash$ |          | r                            |
|             | 14          | =               |          | +         | +                  | +         | $\dashv$ | $\dashv$   |          | 1   | $\vdash$               | 64       | $\vdash$        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | +        | +       | +-       | 1 | <u> </u>        | 114        | <del> </del> — | $\vdash$ |          |                |          | H  | $\vdash$ | -        | $\overline{}$                |
|             | 15          | =               | +        | +         | +                  | +         | $\dashv$ | -          | $\dashv$ | ł   |                        | 65       | $\vdash$        | $\vdash \vdash$ | $\dashv$ | $\dashv$ | -+       | -        | +       | +        | 1 | $\vdash$        | 115        | H              | $\vdash$ |          |                |          | $\vdash$   | $\dashv$ | -        | اـــ                         |
|             | 16          | =               | +        | +         |                    | -+        | $\dashv$ | +          | +        | 1   |                        | 66       |                 | $\vdash \vdash$ | -        |          | $\dashv$ | +        | +       | +        | 1 | <del> </del>    | 116        |                | $\vdash$ | $\vdash$ |                |          | $\vdash$   |          | _        |                              |
|             | 17          | =               | $\dashv$ | +         | $\top$             | 十         | +        | +          | $\vdash$ | 1   | $\vdash \vdash$        | 67       |                 | H               | $\dashv$ | $\dashv$ | $\dashv$ |          | +       | +        | 1 | $\vdash \vdash$ | 117        |                | Н        | $\vdash$ |                | _        | Н  | $\dashv$ |          | $\neg$                       |
|             | 18          | =               | $\neg$   | $\dagger$ | +                  | _         | 十        | $\dashv$   | $\top$   | 1   |                        | 68       |                 |                 | $\dashv$ | $\dashv$ |          | -+       | +       | +        | 1 | -               | 118        |                | $\vdash$ | -        |                |          |  |          |          | -                            |
|             | 19          | ┋               |          | T         | +                  | +         | 十        | $\top$     |          | 1   |                        | 69       |                 |                 | $\dashv$ |          | 十        | _        | +       | +        | 1 |                 | 119        |                |          |          |                |          |  | I        |          |                              |
|             | 20          | =               |          | _         |                    | 十         | 十        | $\top$     | _        | 1   |                        | 70       |                 |                 | $\dashv$ | T        | 十        | $\top$   | $\top$  | $\top$   | 1 |                 | 120        |                | -        |          | $\dashv$       | -        |  |          |          | $\Box$                       |
|             | 21          | =               | $\top$   |           | ┪                  | $\top$    | T        | $\top$     |          | 1   |                        | 71       |                 |                 | $\dashv$ | 寸        | $\dashv$ | 十        | $\top$  | $\vdash$ | 1 |                 | 121        |                |          |          |                |          | -  | _        |          | $\neg$                       |
|             | 22          | =               | -        |           | $\top$             | $\top$    | T        | T          |          | 1   |                        | 72       |                 | П               | 寸        | T        | T        | T        | 十       | ┰        | 1 |                 | 122        |                |          |          | $\dashv$       |          |  | _        |          |                              |
|             | 23          | =               |          |           |                    |           |          |            |          | 1   |                        | 73       |                 |                 | $\dashv$ |          | $\neg$   | _        | 1       |          | 1 |                 | 123        |                |          |          | $\neg$         |          |  |          |          | _                            |
|             | 24          | =               |          |           |                    |           |          |            |          |     |                        | 74       |                 | T               | $\neg$   |          | $\neg$   |          | $\top$  |          | 1 |                 | 124        |                | П        |          | $\exists$      |          |  |          | $\neg$   |                              |
|             | 25          | =               |          | $\perp$   | $\bot$             | $\perp$   |          |            |          |     |                        | 75       |                 |                 |          |          |          |          |         |          | ] |                 | 125        |                |          |          |                |          |  |          |          |                              |
|             | 26          | =               |          |           |                    |           |          |            |          | ] ! |                        | 76       |                 |                 |          |          |          |          |         |          | ] |                 | 126        |                |          |          | T              |          |  |          |          |                              |
|             | 27          | =               |          |           |                    | $\perp$   |          |            | _ _      |     |                        | 77       |                 |                 |          |          |          |          |         |          |   |                 | 127        |                |          |          |                |          |  |          |          |                              |
|             | 28          | =               |          | $\perp$   | $\bot$             | _ _       |          | $\perp$    |          |     |                        | 78       |                 |                 |          |          |          |          |         |          |   |                 | 128        |                |          |          |                |          |  |          |          |                              |
|             | 29          | =               | $\perp$  | 4.        |                    | _         | _        | $\perp$    |          | Į   |                        | 79       |                 |                 | _        | _        | _        | _        | 4       | <b>_</b> | 1 | L               | 129        |                |          |          |                |          |  |          |          |                              |
|             | 30          | =               | _ _      | _         | $\perp$            | 4         | 4        | _          |          |     |                        | 80       |                 |                 | _        | _        |          |          | _       |          |   |                 | 130        |                |          |          | _              |          |  |          |          |                              |
|             | 31          | =               | _        | +         | +                  | -         | -        | _          | 4        |     | ļ                      | 81       | Щ               |                 | _        |          | _        |          | _       | _        | 1 | ļ               | 131        |                |          |          |                |          |  | $\dashv$ | _        |                              |
|             | 32          |                 | _        | +         | +                  | -         | -        | _          | _        |     |                        | 82       |                 |                 | -        | _        |          |          | $\perp$ | -        | ļ |                 | 132        |                |          | _        | _              | _        |  | _        | _        |                              |
|             | 33          | <u> </u>        | +        | +         |                    | +         | -+       | +          | +        |     | $\vdash$               | 83       | Н               | $\vdash$        | -+       | $\dashv$ | -+       | +        | +       |          |   |                 | 133        | -              |          |          | _              |          | _  | _        |          |                              |
|             | 34<br>35    | =               | -        | +         | +                  | +         |          |            |          |     | $\vdash \vdash \vdash$ | 84<br>85 |                 | $\vdash$        | $\dashv$ |          | +        | -        | +       | +        |   |                 | 134        | $\sqcup$       |          | _        | _              |          |  |          |          |                              |
|             | 36          | -               | -        | +         | +                  | +         | +        | +          | -        |     |                        | 86       | $\vdash$        |                 | $\dashv$ | $\dashv$ | -        | +        | +       | +-       |   |                 | 135        |                | _        |          |                |          |  | _}       |          |                              |
| -           | 37          | $\vdash$        |          | +         | +                  | +         | $\dashv$ | +          | +        |     |                        | 87       | $\vdash\vdash$  | $\vdash$        | $\dashv$ | $\dashv$ |          | +        | +       | -        |   |                 | 136<br>137 |                |          | -        |                |          |  | -        |          | $\dashv$                     |
|             | 38          | $\vdash$        | +        | +         | +                  | +         | +        | +          | +-       |     | $\vdash$               | 88       | $\vdash$        | -               | $\dashv$ | $\dashv$ | $\dashv$ | +        | +       | +        | 1 |                 | 137        |                | -        |          |                | $\dashv$ |  |          | -        | $\dashv$                     |
|             | 39          | $\vdash \vdash$ | ╁        | +         | +                  | +         | +        | $\dashv$   |          |     |                        | 89       | $\vdash$        |                 | $\dashv$ | $\dashv$ | $\dashv$ | +        | +       | +        |   |                 | 139        | -              |          | -        | -              |          | <del>                                     </del> | -+       | $\dashv$ | $\dashv$                     |
|             | 40          | $\vdash$        | -+-      | +         | +                  | +         | $\dashv$ | +          | -        |     |                        | 90       | $\vdash$        | $\dashv$        | +        | $\dashv$ | $\dashv$ | +        | +       | +        |   | $\vdash$        | 140        | -              | $\dashv$ |          |                | -        | -  | -        | $\dashv$ | $\dashv$                     |
|             | 41          | -               | +        | +         | 十                  | +         | $\dashv$ | +          | +-       |     | $\vdash$               | 91       | $\vdash \dashv$ |                 | $\dashv$ | +        | $\dashv$ | +        | +       | +        |   | -               | 141        |                |          | $\dashv$ | $\dashv$       | $\dashv$ |  | -        |          |                              |
|             | 42          |                 | $\dashv$ | +         | -                  | +         | $\dashv$ | +          | +        |     |                        | 92       | $\vdash$        |                 | +        | -+       | $\dashv$ | +        | +       | +        |   |                 | .142       |                |          | $\dashv$ | $\dashv$       | $\dashv$ | -  | $\dashv$ | $\dashv$ | $\dashv$                     |
|             | 43          | H               | +        | +         | 十                  | 十         | 十        | +          | +        |     |                        | 93       |                 | $\dashv$        | -+       | -+       | $\dashv$ | +        | +       | +-       | 1 |                 | 143        | $\dashv$       | $\dashv$ | $\dashv$ | -+             | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$                     |
|             | 44          | $\Box$          | _        | 1         | +                  | $\dagger$ | _        | $\top$     | $\top$   |     |                        | 94       |                 | -               | $\dashv$ | $\dashv$ | $\dashv$ | +        | +       | +        |   | $\vdash$        | 144        |                | $\dashv$ |          | -              | $\dashv$ | $\dashv$   | $\dashv$ |          | $\dashv$                     |
| -           | 45          | $\Box$          | $\neg$   | $\top$    | $\top$             | +         | $\dashv$ | $\dashv$   | $\top$   |     |                        | 95       |                 | $\neg$          | $\dashv$ | $\dashv$ | $\dashv$ | +        | +       |          |   |                 | 145        |                | $\dashv$ | -        |                | $\dashv$ | -  | $\dashv$ | $\dashv$ | $\dashv$                     |
|             | 46          | $\neg \uparrow$ |          | T         | T                  | $\top$    | $\dashv$ | $\top$     | 1-       |     |                        | 96       | Н               | $\dashv$        | $\dashv$ | $\dashv$ | +        | $^{+}$   | +       | $\top$   |   | $\vdash$        | 146        |                | $\dashv$ |          | $\dashv$       | $\dashv$ | $\dashv$   | -+       |          | $\dashv$                     |
|             | 47          |                 | $\top$   | T         | 7                  | $\top$    | $\neg$   | $\dashv$   |          |     |                        | 97       | $\Box$          | $\neg$          | $\dashv$ | 7        | _        | _        | 十       |          | 1 |                 | 147        |                | _        | -        | $\neg$         |          | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$                     |
|             | 48          |                 |          |           | 1                  | $\top$    | $\top$   | $\top$     | $\top$   |     |                        | 98       | $\Box$          |                 | $\dashv$ | _        | $\top$   | 十        | +       | $\top$   | 1 |                 | 148        |                | 一        |          | $\neg \dagger$ |          |  | $\dashv$ | ᅥ        | $\dashv$                     |
|             | 49          |                 |          |           |                    |           |          |            |          |     |                        | 99       |                 | $\neg$          | 寸        | 1        | $\dashv$ | T        | $\top$  |          |   |                 | 149        |                |          | _        |                |          |  | 7        | $\dashv$ | ㅓ                            |
|             | 50          |                 |          |           | $oldsymbol{\perp}$ | floor     | $\Box$   |            |          |     |                        | 100      |                 |                 |          |          |          |          |         |          | ] |                 | 150        | $\neg$         | $\neg$   | $\neg$   | $\neg$         | ヿ        |  | $\dashv$ |          | ᅥ                            |